

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A concentrate adapted to be diluted with a diluent polymer to produce a corrosion inhibiting composition effective to protect a ferrous metal surface against corrosion in a molecular-oxygen containing atmosphere containing in the range from 1 to 100 ppm of an acid gas at a relative humidity of 90% and 37.4°C (100°F), when the ferrous metal surface is exposed in generally spaced apart relationship with the composition in a sealed environment, the concentrate ~~consisting essentially of~~ comprising a substantially non-hydrolyzable synthetic resinous polymer that is biodegradable or non-biodegradable having dispersed therein from 10 to about 40 parts of an interceptor ~~selected from the group consisting of~~ comprising an alkali metal silicate and or zinc oxide, from 10 to 40 parts of sodium nitrite, and from 10 to 40 parts of a 2,4,6-tri substituted phenol having a 4-substituent ~~selected from the group consisting of~~ consisting of a substitutable methylene carbon and or a substitutable amine, in combination with an adjuvant present in less than 5 parts, provided that the polymer has a water vapor transmission rate (WVTR) at least as high as that of low density polyethylene, and is present in an amount of at least 40 parts in 100 parts of the composition.
2. (Currently Amended) The concentrate of claim 1, wherein the said non-hydrolyzable synthetic resinous polymer is miscible in the diluent polymer ~~selected from the group consisting of~~ comprising low density polyethylene, polypropylene, copolymers of lower C₂ -C₈ olefins, copolymers of a lower C₂ -C₈ olefin and ethylene/vinyl alcohol, non-biodegradable polyester, polycarbonate, polyurethane, polybutene, poly(vinyl chloride), polystyrene, polyamide, and or a biodegradable polyester having a WVTR higher than about 1.5 gm/24 hr measured per 0.025 mm (mil) thickness and 645 cm² (100 in²) area at 37.4°C (100°F) and 90%RH)relative humidity).

3. (Currently Amended) The concentrate of claim 2, wherein the diluent polymer is a biodegradable polyester selected from the group consisting of comprising star ε-caprolactone; ε-caprolactone (PCL); poly(hydroxybutyrate-co-valerate) (PHBV); containing 8, 16 and 24% valerate; uncoated-and nitrocellulose-coated cellophane films; crosslinked chitosan; starch/ethylene vinyl alcohol (St/EVOH) blend films; pure EVOH ethylene vinyl alcohol film (38 mole percent ethylene); and or polycaprolactone (PCL), molecular weight about 80,000 Daltons.

4. (Currently Amended) The concentrate of claim 2, wherein the 2,4,6-tri-substituted phenol is selected comprises from the group consisting of 2,6-di-t-butyl-4-methylphenol; 2,2'-methylene-bis(4-methyl-6-t-butylphenol); 1,1,3-tris(2'-methyl-4'-hydroxy-5'-t-butylphenyl)butane; 1,3,5-tri(3',5'-di-t-butyl-4'-hydroxybenzyl)-2,4,6-trimethylbenzene; tris((3-(3',5'-di-t-butyl-4'hydroxybenzyl)-2'acetoxyethyl))isocyanurate; and or, pentaerythrityl-tetrakis(3,5-di-t-butyl-4hydroxyphenylpropionate).

5. (Currently Amended) The concentrate of claim 4 4, wherein the alkali metal silicate is a silicate of sodium, and the adjuvant is selected from the group consisting of comprises fumed silica and or calcium carbonate.

6. The concentrate of claim 2, wherein the adjuvant, the interceptor and the sodium nitrite have a primary particle size in the range from about 1 μm to 53 μm and are substantially homogeneously dispersed in the polymer.

7. (Cancelled)

8. (Cancelled)

9. (Cancelled)

10. (Cancelled)

11. (Cancelled)

12. (Cancelled)

13. (Cancelled)

14. (Cancelled)

15. (Cancelled)